

**15-DAY TEXT OF REGULATIONS FOR
ADOPTION OF AMENDMENTS OF
THE OFFICE OF THE STATE FIRE MARSHAL
REGARDING**

**California Code of Regulations
Title 19. PUBLIC SAFETY
Division 1. State Fire Marshal
Chapter 5.5 Automatic Fire Extinguishing Systems Certification**

Legend for Text of Regulations:

- 1. Existing California amendment:** California 45-Day language will appear in underlined and ~~strikeout~~.
- 2. Amended, or repealed language:** Amended or repealed 15-Day language will appear in highlighted *italic double underline* for proposed additions and highlighted *~~italic double~~ ~~strikeout~~* for proposed deletions.
- 3. Rationale:** The justification for the change is shown after each section or series of related changes.

Article 1. Administration

920. Authority.

Chapter 5.5, Division 1, Title 19 of the California Code of Regulations is adopted by the State Fire Marshal under the authority of Division 12, Part 2, Chapter 1, Section 13110, of the Health and Safety Code of the State of California.

NOTE: Authority cited: Section 13110, Health and Safety Code. Reference: Section 13110, Health and Safety Code.

921. Title.

These regulations and standards shall be known as the "Regulations and Standards of the State Fire Marshal," shall be cited as such, and shall be hereinafter referred to as "these regulations."

NOTE: Authority cited: Section 13110, Health and Safety Code. Reference: Section 13110, Health and Safety Code.

922. Purpose.

The purpose of these regulations and standards is to improve the performance and reliability of water-based fire protection systems by providing a means to certify and register any person who installs, alters, repairs, or adds appurtenances to such systems.

NOTE: Authority cited: Section 13110, Health and Safety Code. Reference: Section 13110, Health and Safety Code.

923. Scope.

(a) These regulations apply to work consisting of the installation, alteration or repair of all water-based fire protection systems as defined in Section 924.12. ~~A Certified Fire Sprinkler Fitter shall install piping and valves associated with water storage tanks and tank heaters for fire suppression systems.~~

EXCEPTIONS

~~(b)(1)~~ Installation, alteration or repair of one and two-family residential sprinkler systems is excluded from these regulations.

~~(2) The installation, alteration or repair of underground water supply lines from the connection of the water supply to the first joint, or mechanical connection at the base of the system riser, are excluded from these regulations.~~

~~(3) The installation of pre-engineered water-based fixed extinguishing systems where the number of components and their configurations are excluded from these regulations.~~

NOTE: Authority cited: Section 13110, Health and Safety Code. Reference: Section 13110, Health and Safety Code.

Rational for revision:

Sub-section (a) text was deleted as it is not applicable to the Section. Sub-section (a)(1) required formatting adjustment and the addition of (a)(2) and (a)(3) are to point out the exclusion of these particular operations as part of the Scope's description and provide further clarity. Clarifying the scope in exception 3, these regulations are not intended to include installation of pre-engineered fixed extinguishing systems, which is a system where the number of components and their configurations are included in the description of the systems approval and listing. These systems include, but are not limited to, wet chemical, dry chemical, carbon dioxide, halogenated agent and liquid agent systems.

Article 2. Definitions**924. "A" Definitions.**

(a) Alteration. ~~Modifications~~ A modification or an addition to an existing systems.

(b) Apprentice. A person who is learning by practical experience under the direction of skilled workers, and who is currently enrolled registered in a State of California or federally approved Fire Sprinkler Fitter Apprenticeship Program. ~~or is currently registered with the Office of the State Fire Marshal Training Program as outlined in Section 947.~~

(c) Authority Having Jurisdiction (AHJ). The AHJ shall be defined as the State Fire Marshal, a chief of any city or county fire department or fire protection district and their respective authorized representatives in their respective jurisdictions.

NOTE: Authority cited: Section 13110, Health and Safety Code. Reference: Section 13110, Health and Safety Code.

Rational for revision:

Text and grammar changes were made to further clarify definition (a). Verbiage was added to (b) to indicate the apprentice receives guidance from “skilled workers”. The last sentence was removed as the Job Related Training and Experience Review (JRTER) is not a training program.

924.1. “C” Definitions.

(a) Certified Fire Sprinkler Fitter. (1) A journeymen sprinkler fitter or individual who has completed a California State or federal Apprenticeship Program, or who possesses an active State of California Contractor State License Board Fire Protection Contractor (C-16) License, and has met the requirements in accordance with Section 946, or has met the prerequisite training and experience in accordance with Section 946, or (2) Possesses a sprinkler fitter certification card/certificate issued by the Office of the State Fire Marshal (OSFM).

(b) Commercial Certification. A certification allowing individuals to perform the installation of water-based fire protection systems in any occupancy.

(c) Correction Order. Generally, the The act or an instance of identifying what is wrong in a written direction or command delivered by an AHJ government official.

NOTE: Authority cited: Section 13110, Health and Safety Code. Reference: Section 13110, Health and Safety Code.

Rational for revision:

Text and grammar changes were made to (a) defining the requirements of a Certified Fire Sprinkler Fitter. Sub-section (c) text was edited to specify who has responsibility for the delivery of a Correction Order.

924.2. “D” Definitions.

(a) Direct Supervision. On-site supervision in accordance with ~~section~~ Section 926.

NOTE: Authority cited: Section 13110, Health and Safety Code. Reference: Section 13110, Health and Safety Code.

Rational for revision:

The change to sub-section (a) was made to provide proper grammar.

924.3. “F” Definitions.

(a) Fire Sprinkler Fitter. A Certified/certified Fire Sprinkler Fitter, fire sprinkler fitter apprentice or, fire sprinkler fitter trainee or a Job Related Training and Experience Review

(JRTER) participant who performs work as described in Section 923 of this Chapter.

NOTE: Authority cited: Section 13110, Health and Safety Code. Reference: Section 13110, Health and Safety Code.

Rational for revision:

Text edits/additions were made for grammar and punctuation purposes clarify the intent of the regulation.

924.4. "I" Definitions.

(a) Installation. All work as described in Section 923 of this Chapter, including, but not limited to, new, retrofit, alteration~~modification~~, or repair of water-based fire protection systems.

NOTE: Authority cited: Section 13110, Health and Safety Code. Reference: Section 13110, Health and Safety Code.

Rational for revision:

The word modification was changed to alteration because it was already defined in Article 2.

924.5. "J" Definitions.

(a) Job Related Training and Experience Review (JRTER) Program (JREP). A means of validation designed in accordance with Section 947 for the purpose of certifying work experience and training hours of an individual performing the installation of fire suppression systems. The number of years of experience, employment experience and hours shall be verified in writing on company letterhead certifying the experience and hours from the fire sprinkler fitters employer in accordance with Section 947.

(b) JRTER Participant. A person who has applied for and been accepted into the SFM JRTER.

(c)(b) Journeyman. A person who has successfully completed the required hours and years of experience of a California ~~State~~ or federally approved Fire Sprinkler Apprenticeship Program, Office of the State Fire Marshal JR ~~TEREP~~, or individuals previously certified in accordance with this Chapter, section 949.

NOTE: Authority cited: Section 13110, Health and Safety Code. Reference: Section 13110, Health and Safety Code.

Rational for revision:

(a) The definition JREP was changed to JRTER to better describe the purpose which is a means of validating time and experience. It is not intended to be a "training program". Sub-section (b) was added to define a participant of the JRTER, and sub-section (c) was reformatted and edited for definition clarification.

924.6. "L" Definitions.

(a) Licensee. A California Contractor State License Board Fire Protection Contractor (C-16) License holder.

NOTE: Authority cited: Section 13110, Health and Safety Code. Reference: Section 13110, Health and Safety Code.

924.7. “M” Definitions.

(a) Multi-Family Residential Certification. ~~This~~A certification ~~allowing~~ individuals to perform the installation of water-based fire protection systems ~~only~~ in multi-family residential structures ~~only~~.

(b) Multi-Family Residential Structure. A residential occupancy with three (3) or more dwelling units up to, and including, four (4) stories in height.

NOTE: Authority cited: Section 13110, Health and Safety Code. Reference: Section 13110, Health and Safety Code.

Rational for revision:

Text changes were made to sub-section (a) to provide further clarity.

924.8. “N” Definitions.

(a) Notice to Appear. A summons or writ by which a person is cited to appear in court.

(b) Notice of Violation. To give attention to an infraction or breach of the law.

NOTE: Authority cited: Section 13110, Health and Safety Code. Reference: Section 13110, Health and Safety Code.

924.9. “R” Definitions.

(a) Registered Fire Sprinkler Fitter. An apprentice or trainee, meeting the applicable prerequisites as identified in Article 5, who ~~has provided the required documentation, submitted a completed application, paid applicable fees and has obtained~~ ~~completes the required documents, submits an application with applicable fees, and possesses a~~ registration card issued by the Office of the State Fire Marshal.

(b) Repair. To restore to normal working condition or to fix damage.

NOTE: Authority cited: Section 13110, Health and Safety Code. Reference: Section 13110, Health and Safety Code.

Rational for revision:

Further clarification of the requirements of a Registered Fire Sprinkler Fitter was added to sub-section (a).

924.10. “S” Definitions.

(a) State Fire Marshal (SFM). Pursuant to the Health and Safety Code, Section 13101, ~~the State Fire Marshal~~ shall be appointed by the Governor with the advice and consent of the senate and shall hold office at the pleasure of the Governor.

(b) State Fire Marshal (SFM) Designee. As defined in the Health and Safety Code, Sections 13103 and 13104, ~~the State Fire Marshal Designee~~ are those assistant or Deputy

State Fire Marshals who aid in the enforcement of all laws, regulations and ordinances adopted in the State of California and is a person who has been designated by the SFM to act on his/her behalf in an official capacity.

NOTE: Authority cited: Sections 13101, 13103, 13104 and 13110, Health and Safety Code. Reference: Sections 13101, 13103, 13104 and 13110, Health and Safety Code.

Rational for revision:

Text was added to provide clarity to the definition.

924.11. "T" Definitions.

(a) Trainee. A person or individual working in the fire protection industry installing water-based fire protection systems at an entry-level position as described in Section 938-~~Fire Sprinkler Trainee~~.

NOTE: Authority cited: Section 13110, Health and Safety Code. Reference: Section 13110, Health and Safety Code.

Rational for revision:

Text was removed to provide consistency. Sections, when referenced, do not note the title in these definitions.

924.12. "W" Definitions.

(a) Water-Based Fire Protection Systems. A system that includes but is not limited to a wet, dry, pre-action, and deluge fire sprinkler system, including small hose connections, standpipe systems, private fire service mains and their appurtenances, including hydrants and monitor nozzles, ~~water spray systems~~, foam water systems, fire pumps, water storage tanks, low, medium, and high expansion foam systems, and water mist systems.

NOTE: Authority cited: Section 13110, Health and Safety Code. Reference: Section 13110, Health and Safety Code.

Rational for revision:

Text was added to include an additional type of Water-based Fire Protection System.

Article 3. General Provisions and Fee Schedule

925. General Provisions.

(a) No person shall engage in the installation of water-based fire protection systems as described in Section 924.12 without first ~~being certified or registered in accordance with these regulations, submitting an application, applicable fees, and required documents demonstrating compliance with the training and experience requirements~~. Applicants shall have obtained a ~~Certification~~certification or be a ~~Registered~~registered fire sprinkler fitter issued by the Office of the State Fire Marshal (OSFM). An Apprentice or Trainee shall become registered in accordance with the provisions in Article 5.

(b) Application for ~~Certification~~certification or ~~Registration~~registration shall be made in writing to the Office of the State Fire Marshal on forms provided by the Office of the State Fire Marshal.

(c) A fee shall accompany each application for certification or registration as prescribed in Section 925.1. ~~Every~~All fees required in accordance with the provisions of Section 13110 of the Health and Safety Code shall be ~~paid in legal tender, or by money order or postal note, or valid personal check~~ made payable to "CAL FIRE-OSFM".

(d) ~~Every~~All fees shall be paid, or mailed to CAL FIRE - Office of the State Fire Marshal, Cashiers Unit - AES Program, P.O. Box 997446, Sacramento, CA 95899-7446.

NOTE: Authority cited: Section 13110, Health and Safety Code. Reference: Section 13110, Health and Safety Code.

Rational for revision:

Text revisions were made to sub-section (a) to clarify the requirements of being certified/registered to install Water-based Fire Protection Systems. Sub-sections (b) and (c) text was updated for grammar purposes while (c) and (d) were altered to reflect accurate information on fee payment methods.

925.1. Fee Schedule.

Fees for application or renewal of any ~~Certification~~certification or ~~Registration~~registration issued pursuant to this ~~Chapter~~chapter shall be as follows:

(1) Sprinkler Fitter Certification	\$150
(2) Apprentice Registration	\$150
(3) Trainee Registration	\$150
(4) Annual Renewal	\$150
(5) Renewal of a certification or registration which has expired	\$150
(6)(5) Replacement Certification or Registration Identification Card	\$25
(7)(6) Commercial Continuing Education Unit Course Registration	\$150
(8)(7) Multi-family Residential Continuing Education Unit Course Registration	\$150
(9)(8) SFM Validation of Job Related <u>Training and Experience Review</u> (JRTER) Program (JREP)	\$500
(10)(9) Late f Fee (50% of application fee)	

NOTE: Authority cited: Section 13110, Health and Safety Code. Reference: Section 13110, Health and Safety Code.

Rational for revision:

Revisions to existing text were made to reflect renumbering, proper grammar and the change of JREP to JRTER. "(5) Renewal of a certification or registration which has expired" was removed as expired certification or registration cannot be renewed in accordance with Section 935.

926. Maximum Number of Directly Supervised Employees.

A Certified Fire Sprinkler Fitter may supervise the number of apprentices permitted in their that his or her California State or federal Apprenticeship Agreement state or federal apprenticeship agreement permits and up to with no more than two (2) trainees. Those who are not in a California State state or federally approved apprenticeship program may supervise three (3) five (5) apprentices with no trainees JRTER participants.

NOTE: Authority cited: Section 13110, Health and Safety Code. Reference: Section 13110, Health and Safety Code.

Rational for revision:

Text and grammar changes were made to clearly identify the supervisory span of control as it relates to this regulation.

Article 4. Enforcement

927. Violations.

The SFM, SFM Designee or AHJ, shall is authorized to inspect project worksites where work on fire protection systems is being performed to ensure that persons performing the work possess valid certifications or registrations as required by this Chapter. The SFM, SFM Designee or AHJ is authorized to require persons performing work to provide proof of applicable certification or registration card. Any person who cannot show proof of certification or registration to the SFM, SFM Designee or AHJ shall be subject to Sections 928 through 932. 934.

NOTE: Authority cited: Section 13110, Health and Safety Code. Reference: Section 13110, Health and Safety Code.

Rational for revision:

Text edits were made to identify “authority to govern” related to certification/registration violations, provide regulation consistency and to correct a reference to a specific Section.

928. Prosecution of Violations.

(a) Violations are subject to a Notice of Violation or Correction Order.
(b) If a Notice of Violation or Correction Order is not corrected within seventy-two (72) hours, the SFM, SFM Designee or AHJ is authorized to issue a “Stop Work Order” as defined in Title 24, California Code of Regulations, Part 9 and in accordance with Section 929.

NOTE: Authority cited: Sections 13108 and 13110, Health and Safety Code. Reference: Sections 13108 and 13110, Health and Safety Code.

Rational for revision:

Formatting changes were made to sub-section (b) to provide regulation consistency.

929. Stop Work Order.

If the SFM, SFM Designee or AHJ, determines that the installation of water-based fire

protection systems is being performed in violation of this Chapter and after providing reasonable notice in accordance with Section 928, he or she ~~shall~~ is authorized to issue a "Stop Work Order" ~~stop work order~~ as defined in Title 24, California Code of Regulations, Part 9. Work within the scope of this Chapter shall not be resumed until a full investigation by the SFM, SFM Designee or AHJ has been completed and verification has been made that all work on the fire protection system in question has been performed by duly authorized persons.

NOTE: Authority cited: Sections 13108 and 13110, Health and Safety Code. Reference: Sections 13108 and 13110, Health and Safety Code.

Rational for revision:

Punctuation revision implemented. Text edits were made to specify the "authority to" associated with violations outlined in this Article and to add a Section reference to provide regulation consistency.

930. Report of Violations.

(a) Any action taken by the AHJ for violations against a registered Trainee, Apprentice, or Certified Fire Sprinkler Fitter shall be submitted in a written report to the Office of the State Fire Marshal within fifteen (15) days of the violation action. The written report shall contain at a minimum the individual's name, ~~individuals~~ employer, certification or registration number, job location and a description of the offense.

(b) Any report submitted by the AHJ for violations against a registered Apprentice may be forwarded by the OSFM to the Division of Apprenticeship Standards (DAS) within fifteen (15) days of receipt.

(c) Any report submitted to the OSFM by the AHJ for violations against a C-16 may be forwarded to the California Contractors State License Board (CSLB) within fifteen (15) days of receipt.

NOTE: Authority cited: Section 13110, Health and Safety Code. Reference: Section 13110, Health and Safety Code.

Rational for revision:

Text revisions were made in the Section for clarity, to provide consistency throughout the Chapter and identify reporting requirements for submitting reports.

931. Penalties.

(a) The SFM or SFM Designee shall revoke or suspend a fire sprinkler fitter ~~certificate or a certification or~~ registration card for any violation of this Chapter, ~~or of~~ rules or regulations of the State Fire Marshal issued pursuant to this Chapter.

(b) Any person who violates any provision of this Chapter, or any applicable rule, regulation, permit or other order of the State Fire Marshal, shall be subject to a civil penalty for each act or violation as outlined in Health and Safety Code, Section 13197.6.

(c) Each day a person performs work on a fire protection system without the appropriate valid certification or registration shall constitute a separate violation.

(d) Any person licensed under Chapter 9 (commencing with Section 7000), Division 3 of

the Business and Professions Code who violates any provision of this ~~Chapter~~^{chapter} shall be subject to Section 7110 of the Business and Professions Code and, accordingly, shall be subject to disciplinary action by the Contractors State License Board.

(e) Any person who violates Part 2 of the Health and Safety Code for Fire Protection or any applicable rule or regulation adopted pursuant to Part 2, shall be charged with a misdemeanor pursuant to Section 13112 of the Health and Safety Code.

NOTE: Authority cited: Sections 13110, 13112 and 13197.6, Health and Safety Code, Section 7110, Business and Professions Code. Reference: Sections 13110, 13112 and 13197.6, Health and Safety Code, Section 7110, Business and Professions Code.

Rational for revision:

Text revisions were made to sub-sections (a) and (d) for regulation consistency.

932. Denial, Revocation, and Suspension.

(a) The State Fire Marshal shall order revocation, suspension or denial of application pursuant to Chapter 5 (commencing with Section 11500), Part 1, Division 3, Title 2 of the Government Code.

(b) The SFM or the SFM Designee shall upon preliminary finding of a violation, suspend any certification or registration for a period not exceeding 30 days pending an investigation of ~~the~~^a violation pursuant to Health and Safety Code 13188.

(c) The issuance or renewal of a certification or registration may be denied, and certification or registration may be revoked by the Office of the State Fire Marshal for any of the following reasons:

(1) Applicant is not the real person of interest.

(2) Certification or registration holder refuses to allow inspection ~~by the SFM, SFM Designee or AHJ of the certification or registration cards~~^{by the SFM, SFM Designee or AHJ}.

(3) ~~The~~^{An} applicant for ~~a~~ certification or registration does not possess the required qualifications, skills, or competence to conduct the operations for which application is made as evidenced by failure to pass the examination.

(4) ~~The~~^{An} applicant, ~~or~~ certification or registration holder ~~is, or has been~~^{was} convicted of any provision of Part 2, ~~or of~~ the Health and Safety Code as outlined in Section 13112.

(5) ~~The~~^{An} applicant, ~~or~~ certification or registration holder violates any provision of this ~~Chapter~~^{chapter} ~~or~~ of the Health and Safety Code as outlined in Section 13112.

NOTE: Authority cited: Sections 13104 and 13110, 13112, 13188, Health and Safety Code, 11500 Government Code. Reference: Sections 13104 and 13110, 13112, 13188, Health and Safety Code, Section 11500, Government Code.

Rational for revision:

Text and grammar revisions were made to sub-sections (b) and (b)(2)(3)(4)(5) for clarification and reporting purposes.

933. Deceptive Practices.

~~As defined in Chapter 5, Section 903.1.~~

(a) Any certification or registration holder, who engages in unfair methods of competition, or makes false or misleading statements, as prohibited in Sections 17200 and 17500 of the Business and Professions Code, shall be subject to certification or registration denial, revocation or suspension.

(b) Any certification or registration holder, upon making contact with a prospective buyer, (business owner or owner's representative) shall:

- (1) State the identity of the person making the solicitation,
- (2) State the name of the business being represented,
- (3) State the type of goods or services being offered for sale, and;
- (4) Show or display personal identification from the automatic extinguishing systems company they are affiliated with.

(c) Failure to do the above actions shall be treated as a deceptive practice.

NOTE: Authority cited: Section 13110, Health and Safety Code, Sections 17200 and 17500, Business and Professions Code. Reference: Section 13110, Health and Safety Code, Sections 17200 and 17500, Business and Professions Code.

Rational for revision:

Text deletion and changes were made to the Section related to grammar, the removal of unnecessary text and the addition of sub-section (c) which identifies within the Section what constitutes a "deceptive practice".

934. Employer Responsibility.

Every properly licensed contractor performing installation of water-based fire protection systems shall ensure all fire sprinkler fitters under their employment are certified or registered. The individual's employer/ licensed contractor shall notify the Office of the State Fire Marshal in writing within seventy-two (72) hours from the of hiring, giving notice of the date of hire of an employee's status classified as a trainee, apprentice or certificate holder.

NOTE: Authority cited: Section 13110, Health and Safety Code. Reference: Section 13110, Health and Safety Code.

Rational for revision:

Text and grammar changes were made for the purpose of regulation clarity.

Article 5. Certification and Registration

935. Expired Documents.

Application for the renewal of a an Apprentice or Trainee Certification/Registration Trainee, or Apprentice Registration or Certification, which has expired, shall be considered an original application and the applicant is required to comply with all requirements of an original application.

NOTE: Authority cited: Section 13110, Health and Safety Code. Reference: Section 13110, Health and Safety Code.

Rational for revision:

Text was revised for the purpose of proper grammar.

936. Minimum Ages.

~~A Trainee, Apprentice Registration or Certification shall not be issued to any person under 18 years of age.~~

~~NOTE: Authority cited: Section 13110, Health and Safety Code. Reference: Section 13110, Health and Safety Code.~~

Rational for revision:

The movement of this Section was made by incorporating the verbiage into Section 946 which is more applicable.

937. Duplicate Issuance.

The State Fire Marshal shall issue a duplicate ~~a~~ Apprentice or Trainee Certification/Registration ~~Trainee or Apprentice Registration or Certification~~ in the event of loss, theft, damage or destruction upon receiving an application and fee as prescribed in Section 925.1.

NOTE: Authority cited: Section 13110, Health and Safety Code. Reference: Section 13110, Health and Safety Code.

Rational for revision:

Text was revised for the purpose of proper grammar.

938. Fire Sprinkler Fitter Trainee.

(a) A person not ~~enrolled~~ registered in a California State or federally approved apprenticeship program or the SFM ~~JRTER Validation of JREP~~, shall be registered with the Office of the State Fire Marshal as a Fire Sprinkler Fitter Trainee and work within the scope of these regulations as a Trainee for up to one (1) year from their date of hire.

(b) The ~~Trainee~~ shall work under the direct supervision of a Certified Fire Sprinkler Fitter at all times and shall do the following:

(1) Either be registered into an approved apprenticeship program or file an application for the SFM JRTER within one (1) year of their date of hire. Apply for a California State or federally approved fire sprinkler apprenticeship program or the SFM Validation of JREP within 12 months from the date of hire.

(2) Perform work within the scope of these regulations for up to ninety (90) days prior to registering.

(3) ~~Shall~~ Only perform installation of water-based fire protection systems for a properly licensed California Contractors State License Board contractor.

(c) If the trainee is not accepted into an apprenticeship program or has failed to file an application for the SFM JRTER within one (1) year of their date of hire the individual shall no longer be classified as a "Trainee", nor will they be allowed to work within the scope of these regulations. If the Trainee does not qualify for an apprenticeship program within one

~~(1) year of continuous work from their date of hire, the individual shall no longer be classified as a Trainee, nor allowed to work within the scope of these regulations.~~

NOTE: Authority cited: Section 13110, Health and Safety Code. Reference: Section 13110, Health and Safety Code.

Rational for revision:

Text revisions were made throughout the Section, to include the title, for the purpose of further regulation clarification. Sub-section (a) was revised to reflect registered rather than enrolled and update JREP to JRTER. Sub-sections (b)(1) and (c) added text that replaced the existing verbiage, to clarify the requirements of a Fire Sprinkler Fitter Trainee. This includes methods of meeting necessary criteria and time limitations on the JRTER.

939. Fire Sprinkler Fitter Apprentice Registration and Renewal.

~~(e)(a)~~ The apprentice shall work under the direct supervision of a Certified Fire Sprinkler Fitter at all times.

~~(a)(b)~~ A person ~~possessing~~registered as an Apprentice ~~Registration~~ shall perform tasks within the scope of this Chapter as well as meeting any additional standards for this occupation as approved by the California Apprenticeship Council.

~~(b)(c)~~ A person possessing an Apprentice Registration shall only perform installation of water-based fire protection systems for a properly licensed California ~~Contractors State License Board~~CSLB C-16 Contractor~~contractor.~~

(d) An original apprentice registration~~Original Apprentice Registration~~ card shall be valid from the date of issuance through June 30th. Thereafter, each apprentice registration~~Apprentice Registration~~ shall be renewed annually and ~~renewals shall be~~ are valid from July 1st through June 30th.

NOTE: Authority cited: Section 13110, Health and Safety Code. Reference: Section 13110, Health and Safety Code.

Rational for revision:

Text, formatting and grammar changes were made, including the title.

940. Fire Sprinkler Fitter Certification and Renewal.

(a) A person holding a certification~~Certification~~ shall perform tasks within the scope of this Chapter.

(b) A person possessing a certification~~Certification~~ and performing installation of water-based fire protection systems, for a properly licensed California Contractors State License Board C-16 contractor shall perform only those tasks which the certificate holder is authorized to perform, and for which the person is qualified in accordance with Section 946.

(c) An original certification~~Original Certification~~ shall be valid from the date of issuance through June 30th. Thereafter, each license shall be renewed annually and ~~renewals shall be~~ are valid from July 1st through June 30th.

NOTE: Authority cited: Section 13110, Health and Safety Code. Reference: Section 13110, Health and Safety Code.

Rational for revision:

Text, formatting and grammar changes were made, including the title.

941. Examination Procedures.

(a) Every person, prior to performing any task or tasks within the scope of a certification~~Certification~~, shall pass a written examination in accordance with the provisions of this Chapter.

~~(b)(c)~~ Any applicant failing to schedule an examination within thirty (30) days after receipt of a~~of~~ Notice of Eligibility ~~for that examination~~, shall forfeit the examination fee, and shall be required to re-apply ~~with a A new~~ application for the intended examination along with payment of ~~appropriate~~applicable fees will be required at that time.

~~(c)(b)~~ Any applicant who has failed ~~the an~~ examination ~~shall may~~ re-apply ~~and to~~ take another examination not less than thirty (30) days from the date of the first examination, after filing a new application and paying the required fee.

(d) ~~Every A~~ person having taken~~taking~~ an examination ~~for Certification~~ shall have the right to contest the validity of individual examination questions~~in such examinations or review of such exam~~.

(1) Within fifteen (15) days of the~~Upon~~ conclusion of the examination process, the person having taken~~taking~~ the examination may request a review of the test with staff of the Office of the State Fire Marshal ~~within 15 days of the exam~~.

(2) Any challenge as to the validity of individual questions on an examination shall be made in writing within seventy-two (72) hours of receiving the results of said examination. Challenges shall state the reason for the objection.

(3) The decision as to the action to be taken on the submitted challenge shall be made by the Office of the State Fire Marshal and such decision s shall be final.

(4) The action taken by the Office of the State Fire Marshal shall be reflected in all future examinations but shall not affect the results of any past examination.

~~(e) Application for renewal of a certification, which has expired, shall be considered an original application and shall require payment of the appropriate fee.~~

~~(f) The Office of the State Fire Marshal shall compile all Trainee and Apprentice Registrations and all Certifications in a database designed to link all aspects of the Automatic Extinguishing Systems Program and be accessible on the Office of the State Fire Marshal website.~~

NOTE: Authority cited: Section 13110, Health and Safety Code. Reference: Section 13110, Health and Safety Code.

Rational for revision:

Text, grammar and formatting changes/movement were implemented to provide regulation clarity. Sub-sections (b) and (c) were switched for flow of information purposes and sub-sections (e) and (f) were moved to 945(b) and 946(f) respectively.

942. Possession of Trainee Registration Card.

~~Proof of A~~ Trainee Registration Card shall be carried with the individual whenever they are working as described in the scope of this Chapter. Alteration or fraudulent use of the

registration card is prohibited and shall result in immediate suspension and possible revocation.

NOTE: Authority cited: Section 13110, Health and Safety Code. Reference: Section 13110, Health and Safety Code.

Rational for revision:

Text revisions were made for the purpose of regulation clarity.

943. Possession of Apprentice Registration Card.

Proof of An Apprentice Registration Card shall be carried with the individual whenever they are working as described in the scope of this Chapter. Alteration or fraudulent use of the registration card is prohibited and shall result in immediate suspension and possible revocation.

NOTE: Authority cited: Section 13110, Health and Safety Code. Reference: Section 13110, Health and Safety Code.

Rational for revision:

Text revisions, to include the title, were made for the purpose of regulation clarity.

944. Possession of Certification Card.

Proof of A Certification Card shall be carried with the individual whenever they are working as described in the scope of this Chapter. Alteration or fraudulent use of the certification card is prohibited and shall result in immediate suspension and possible revocation.

NOTE: Authority cited: Section 13110, Health and Safety Code. Reference: Section 13110, Health and Safety Code.

Rational for revision:

Text, to include the title, and punctuation revisions were made for the purpose of regulation clarity.

945. Renewal of a an OSFM Trainee Registration, Apprentice Registration and Certification.

(a) Application for renewal of a Trainee Registration, Apprentice Registration and Certification shall be made on or before May 1st of the year in which the current certification or registration expires. If application is not received by May 1st, a late fee shall be charged as prescribed in Section 925.1. Application for renewal shall be made in writing on forms provided by the Office of the State Fire Marshal and shall be accompanied by the fees prescribed in Section 925.1.

(b) Application for renewal of a certification/registration that has expired shall be considered an original application and shall require payment of the applicable fee.

(c) Every three (3) years, at time of renewal, proof of the certified applicant's continuing education units Continuing Education Units (CEU's) shall be reviewed. If it is determined

the applicant has not satisfied the required minimum CEU's, continuing education units, the application for renewal shall be rejected. The certified applicant shall complete additional continuing education to meet the required minimums before reapplying for certification and must then successfully pass a written examination.

NOTE: Authority cited: Section 13110, Health and Safety Code. Reference: Section 13110, Health and Safety Code.

Rational for revision:

Text, to include the title and punctuation revision(s) were made to sub-sections (b) and (c) to further clarify the intent of the regulation.

Article 6. Certification and Registration Qualifications

946. ~~Examination Requirements.~~Certification and Registration Qualifications.

(a) A certification and/or registration shall not be issued to any person under eighteen (18) sixteen (16) years of age.

~~(a)(b)~~ A Certification Application shall be accompanied by one of the following:

(1) Documentation that an applicant meets the minimum time requirements of Section 946~~(b)(c)~~ or ~~(e)(d)~~, and that training was obtained through a California ~~State~~state or federally approved Apprenticeship Program or has met licensing requirements for the State of California Contractors State License Board Fire Protection Contractor (C-16) License.

(2) Out of State ~~applicants~~Applicants shall provide documentation indicating they meet the minimum time requirements of Section 946~~(b)(c)~~ or ~~(e)(d)~~. The training shall be obtained through an out of state apprenticeship program meeting federal requirements and that shall be evaluated and approved by the OSFM.

(3) Proof of completion of the SFM ~~JRTER~~Validation of JREP as outlined in Section 947.

~~(b)(c)~~ An applicant for Commercial Certification shall meet the following minimum qualifications:

(1) 7000 hours in a ~~State~~state or federally approved apprentice program, and five (5) years of experience within the scope of these regulations and a certifying letter of experience and hours as outlined in Section 947(b); or

(2) Proof of completion of the SFM ~~JRTER~~Validation of JREP as outlined in Section 947~~(a)(b)~~ and five (5) years of experience within the scope of these regulations.

~~(3) Employment experience and hours shall be certified in writing on company letterhead by the Fire Sprinkler Fitter's employer, and employment experience and hours shall be verified by a letter on company letterhead, certifying the experience and hours from the fire sprinkler fitter's employer.~~

~~(e)(d)~~ An applicant for Multi-family Residential Certification shall meet the following minimum qualifications:

(1) 3500 hours in a ~~State~~state or federally approved apprentice program, and two (2) years of experience within the scope of these regulations and a certifying letter of experience and hours as outlined in Section 947(b); or

(2) Proof of completion of the SFM JRTER Validation of JREP as outlined in Section 947 ~~(a)(b)~~ and two (2) years of experience within the scope of these regulations.

~~(3) Employment experience and hours shall be certified in writing on company letterhead by the Fire Sprinkler Fitter's employer, and employment experience and hours shall be verified by a letter on company letterhead, certifying the experience and hours from the fire sprinkler fitter's employer.~~

~~(d)(e)~~ Proof of prior certification for applicants who have been certified but allowed certification to lapse. Such applicants shall take an examination without meeting the requirements of ~~(a)(b)~~, ~~(b)(c)~~ or ~~(e)(d)~~ above.

(f) The Office of the State Fire Marshal shall compile all Apprentice/Trainee certifications and registrations in a database designed to link all aspects of the Automatic Fire Extinguishing Systems Program and be accessible on the OSFM website.

(g) The Office of the State Fire Marshal shall coordinate with the Division of Apprenticeship Standards while compiling data under this provision for registered apprentices.

NOTE: Authority cited: Section 13110, Health and Safety Code. Reference: Section 13110, Health and Safety Code.

Rational for revision:

Text revisions were made to the Title to better identify the intent of the Section. Sub-section (a) was moved from Section 936 and is in compliance with California Labor Code. Formatting adjustments were necessary due to the addition of (a) throughout the Section as were grammar changes. Sub-section (b)(1) text was incorporated for the purpose of adding CA CSLB licensing requirements. Sub-section (b)(2) denotes the necessity of "meeting federal requirements". Additionally, JRTER replaced JREP in sub-sections (b)(3), (c)(2) and (d)(2) as the acronym has been changed. Text revisions were made to (c)(3) and (d)(3) to clarify the necessity for the reporting of experience and hours by the Fire Sprinkler Fitter's employer. Sub-section (f) was moved from Section 941 and (g) was added for regulation clarity.

947. State Fire Marshal ~~Validation of~~ Job Related Training and Experience Review (JRTER) Program (JREP).

~~(a) The SFM JRTER State Fire Marshal Validation of JREP is intended to meet or exceed the California Statestate or federally approved apprenticeship programs as outlined in Sections 947.1 and 947.2.~~

(b) Employment experience and hours shall be verified in writing by letter on company letterhead, certifying the experience and hours from the fire sprinkler fitter's employer accompanied with a completed application Form AES 1008.

NOTE: Authority cited: Section 13110, Health and Safety Code. Reference: Section 13110, Health and Safety Code.

Rational for revision:

Text revisions were made to the Section, to include the title, as JREP has been replaced by JRTER to remove any notion this pertains to a "training program".

947.1. Commercial Certification Sprinkler Fitter Skill Area Required Hours.

(a) Applicant^s shall meet the minimum hours and subjects required to complete the SFM ~~JRTER Validation of JREP~~ for Commercial Certification as follows:

(1) 4000 hours of Installation Overhead Piping in the following areas:

(A) Wet Pipe Systems;

(B) Pipe Cutting, Welding, Threading and Grooving, Fittings, Valves, Hangers, and Seismic Bracing and Restraints;

(C) Sprinkler ~~Head Types,~~ Applications^s, ~~&and~~ Operation^s;

(D) Copper Soldering ~~&and~~ Brazing; or,

(E) Other areas as approved by the OSFM.

(2) 350 hours of Installation System Controlling Valves, Controlling Devices, Alarms and Specialty Systems in the following areas:

(A) Dry Pipe Systems

(B) Pre-action Systems

(C) Combination Dry Pipe Pre-action Systems

(D) Antifreeze Systems

(E) Deluge Systems

(F) Circulating Closed Loop Systems

(G) Multi- cycle Systems

(H) Water Mist Systems

(I) Foam Systems

(J) Backflow Prevention

(K) Fire Alarm Signaling Systems associated with Water-based Fire Protection Systems; or,

(L) Other areas approved by the OSFM.

~~(A) Dry Systems;~~

~~(B) Special Systems; Pre Action, Environmentally Friendly Systems such as Water Mist Systems/Fire Cycle;~~

~~(C) Foam and Co2 Systems;~~

~~(D) Back Flow Prevention;~~

~~(E) Alarms;~~

~~(F) Other areas as approved by the OSFM.~~

(3) 700 Hours of Installation of ~~Underground Piping/System~~ Fire Service Supply in the following areas:

(A) Underground Piping; Fire Service Mains.

(B) Fire Pumps^{4.7};

(C) Tanks^{4.7};

(D) Environmentally Friendly Practices (water recovery/de-chlorination); or,

(E) Other areas as approved by the OSFM.

(4) 700 Hours of Applicable Standards, Plans, Drawings, & Green Practices in the following areas:

(A) Applicable Installation Standards^{4.7};

(B) Trade Math^{4.7};

(C) Isometric Drawing^{4.7};

(D) Reading Sprinkler & Architectural Plans^{4.7};

- (E) Economics of the Sprinkler Industry (material efficiency - waste reduction);
- (F) Green Practices;
- (i) Water Control &and Recycling;
- (ii) Material Efficiency and Recycling;
- (iii) Waste Reduction;
- (iv) Introduction to the Leadership in Energy &and Environmental Design Program (LEED);
- (v) Operation and Maintenance Optimization; or.
- ~~(vi)~~(G) Other areas as approved by the OSFM.
- (5) 700 Hours of Repair, Alteration, Inspection, Testing &and Maintenance in the following areas:
- (A) Inspection, Testing &and Maintenance;
- (B) Environmentally Friendly Practices; or.
- (C) Other areas as approved by the OSFM.
- (6) 250 Hours of Safety in the following areas:
- (A) Trade Safety, 10 Hour OSHA &and Motorized Lift Equipment Safety Training;
- (B) CPR/First Aid;
- (C) Knot Tying &and Rigging;
- (D) Tools of the Trade;
- (E) Human Relations/Foremanship;
- (F) Training in Excavation and Trenching; or.
- (G) Other areas as approved by the OSFM.
- (b) ~~These are~~Any of the minimum hours and subjects required for Commercial certification. Any of the subjects from in Section 947.1(a)1 thru 6 can be combined to meetmake up the difference in hours totaling thea minimum of 7,000 hours and five (5) years' experience.
- (c) ~~Proof of a~~A minimum of 1000 hours annually shall be provided by the JRTER participant. The annual hours shall be reported to the OSFM on an registered individual on the OSFM Sprinkler Fitter Skill Area Reporting FormAES1009 Formwhich has been signed by a Certified Fitter or proof of completion from SFM Validation of JREP by the OSFM to retain registration status at the time of renewal.
- ~~(d) An exam shall be administered every 2000 hours of completion on the OSFM AES1009 Form, which has been signed by a Certified Fire Sprinkler Fitter.~~
- ~~(e)~~(d) Submittal of a completed application for validationthis program shall be accompanied with the applicableappropriate fee as prescribed in section 925.1.

NOTE: Authority cited: Section 13110, Health and Safety Code. Reference: Section 13110, Health and Safety Code.

Rational for revision:

Text revisions, grammar, punctuation and formatting changes were implemented throughout the Section for clarity purposes, to include the incorporation by reference of Form AES1009. (d) was removed, an examination is not applicable. In the newly reformatted sub-section (d) "this program" has been replaced by "validation" as the JRTER provides a process to validate experience/hours and is not a training program.

947.2. Multi-Family Residential Certification Sprinkler Fitter Skill Area Required Hours.

(a) Applicants shall meet the minimum hours as defined below using the subjects as listed in Section 947.1, ~~and are~~ required to complete the SFM ~~JRTER Validation of JREP~~ for a Multi-family Residential ~~Certification~~ certification. Any of the subjects in 1 thru 6 can be combined to ~~meet the difference in hours~~ totaling ~~at the~~ minimum of 3,500 hours and two (2) years' experience.

(1) Installation of Overhead Piping	2,000 hours
(2) Installation of System Controlling Valves, Controlling Devices, Alarms & Specialty Systems	300 hours
(3) Installation of Underground Piping/System Supply Piping per the California Plumbing Code	200 hours
(4) Installation of Fire Service Mains per the California Fire Code	100 hours
(4)(5) Applicable Standards, Plans, Drawings & Green Practices	200 hours
(5)(6) Repair, Alteration, Inspection, Testing & Maintenance	300 hours
(6)(7) Safety	200 hours

(b) ~~Proof of a~~ minimum of 1000 hours ~~annually~~ shall be provided by the ~~JRTER participant annually. The annual hours shall be reported to the OSFM on an registered individual on the OSFM approved Sprinkler Fitter Skill Area Reporting Form AES1009 Form, which has been signed by a Certified Fitter, or proof of completion from the SFM Validation of JREP by the OSFM to retain registration status at the time of renewal.~~

~~(c) An examination shall be administered every 2,000 hours of completion.~~

~~(d)(c)~~ Submittal of a completed application for ~~validation this program~~ shall be accompanied with the ~~applicable appropriate~~ fee as prescribed in section 925.1.

NOTE: Authority cited Section 13110, Health and Safety Code. Reference: Section 13110, Health and Safety Code.

Rational for revision:

Text revisions, grammar, punctuation and formatting changes were implemented throughout the Section for clarity purposes. Sub-section (a)(4) was added as an additional means of achieving certification hour and (b) includes the incorporation by reference of Form AES1009. Sub-section (c) was removed as an examination as part of Multi-family Residential Certification is not applicable. In the newly reformatted sub-section (c), the reference to "this program" has been replaced by "validation" as the intent of JRTER is to provide a process for validating experience and hours and is not a training program.

948. Continuing Education.

A ~~Certified Fire Sprinkler Fitter~~ shall ~~receive 24 hours~~ complete three (3) units of State Fire Marshal approved continuing education units within a three (3) year period. ~~This requirement is~~ verified by the Office of the State Fire Marshal every three (3) years ~~at time of renewal~~. If proof of compliance is not received at time of renewal on the third year of the

three (3) year period, the ~~€Certified Fire Sprinkler Fitter~~ shall be required to re-apply as a new applicant.

NOTE: Authority cited: Section 13110, Health and Safety Code. Reference: Section 13110, Health and Safety Code.

Rational for revision:

Text and punctuation revisions were made to distinguish between the necessity to complete three units vs. 24 hours of continuing education and the necessity for verification of those units at the time of renewal.

948.1 Continuing Education Units (CEU) Courses Providers.

~~(b)(a)~~ All CEU training courses shall be registered and listed with the OSFM and shall be located on ~~the~~ OSFM website.

~~(c)(b)~~ The process by which a provider registers and lists a course shall include all of the following: ~~registered and listed course process shall include all of the following:~~

(1) A completed application from the provider for CEU training course registration and listing the registered and listed course for CEU's shall be accompanied ~~with~~ by the ~~applicable appropriate~~ fee as prescribed in Section 925.1.

(2) The application to place a CEU training course on the OSFM Approved Training List shall be submitted a minimum of 45 days prior to the training ~~to be placed on the OSFM approved training list.~~

(3) The registered training shall remain on the OSFM Approved Training List ~~approved training list~~ for three (3) years.

~~(a)(c)~~ All CEU's continuing education units shall be in accordance with an accredited institution. An accredited institution is a community college, junior college, university, technical or vocational school, or any private educational agency accredited by the International Association of Continuing Education and Training (IACET).

NOTE: Authority cited: Section 13110, Health and Safety Code. Reference: Section 13110, Health and Safety Code.

Rational for revision:

Formatting adjustments were made to the Section due to the movement of original sub-section (a) to (c) and text and grammar revisions were incorporated, to include amending the title, in order to identify the training "Provider" and to ensure further regulation clarity.

949. Implementation Period and Historical Recognition.

(a) These provisions shall supersede the ~~examination and Certification or Registration~~ requirements of Sections 926 and 946 of this ~~Chapter. chapter for a period of six (6) months.~~

~~(4)~~ Journeymen Fire Sprinkler Fitters, ~~individuals~~, or those who possess an active State of California Contractor State License Board Fire Protection Contractor (C-16) License ~~license~~, who meet the requirements of this ~~§~~ Section within one hundred eighty

(180) days of the effective date of this ~~Chapter~~chapter, shall not be required to take an examination.

(1)(2) Historical Recognition:

(A) An application for certification shall be accompanied by the following documentation for the applicant to meet the minimum qualifications.

(i) Commercial:

(a) 7000 hours verified work experience.

(b) Five (5) years working within the scope of these regulations.

(ii) Multi-family Residential:

(a) 3500 hours verified work experience;

(b) Two (2) years working within the scope of these regulations. The employment hours shall be verified by letter on company letterhead certifying the experience and hours from the fire sprinkler fitter's employer or an alternate method approved by the Office of the State Fire Marshal.

(2) No ~~certification~~ card shall be required within one (1) year, (365 days) of the effective date of this Chapter.

(3) Commencing on the second (2nd) year (366th day) of the effective date of this ~~Chapter~~chapter there shall be a minimum of one (1) certificate holder certified on each job site.

(4) Commencing on the 18 month (545th day) of the effective date of this ~~Chapter~~chapter all persons on the jobsite ~~performing~~performing installation, alteration or repair of water-based fire protection systems shall possess a ~~certificate~~certification or registration card.

(b) This section shall cease to have effect on the 18 month or (546th day) from the effective date of this ~~Chapter~~chapter and all requirements shall be met.

NOTE: Authority cited: Section 13110, Health and Safety Code. Reference: Section 13110, Health and Safety Code.

Rational for revision:

Formatting adjustments were made and text revisions implemented to provide further regulation clarity of the intent of the Section. Punctuation changes were made to maintain consistency throughout the Chapter.

Article 7. Forms

950. Forms.

(a) The following forms, ~~created by the Office of the State Fire Marshal (dated December 4, 2015), in a format developed by the Office of the State Fire Marshal, which~~ are hereby incorporated by reference, ~~and~~ shall be used as applications for Automatic Fire Extinguishing Systems Certification ~~and/or Registration~~.

<u>Sprinkler Fitter Certification Application</u>	<u>AES1005</u>
<u>Apprentice/Trainee Registration Application</u>	<u>AES1005A</u>
<u>Sprinkler Fitter Replacement Certification/Registration ID Card Application</u>	<u>AES1006</u>
<u>Sprinkler Fitter Commercial and Multi-Family Residential CEU Course Registration Application</u>	<u>AES1007</u>

<u>Sprinkler Fitter SFM Job Related Training and Experience Review (JRTER) Application</u>	<u>AES1008</u>
<u>Sprinkler Fitter Skill Area Reporting Form</u>	<u>AES1009</u>

~~(1) Sprinkler Fitter Certification and Apprentice/Trainee Registration Application (Form AES 1005 / Dec 4, 2015). (2) Sprinkler Fitter Replacement Certification/Registration Identification Card Application (Form AES 1006 / Dec 4, 2015). (3) Sprinkler Fitter Commercial and Multi-family Residential CEU Course Registration Application (Form AES 1007 / Dec 4, 2015). (4) Sprinkler Fitter SFM Validation of Job Related Experience Program (JREP) Application (Form AES 1008 / Dec 4, 2015). (5) Sprinkler Fitter Skill Area Reporting Form — Commercial and Multi-family (Form AES 1009 / Dec 4, 2015).~~

NOTE: Authority cited: Section 13110, Health and Safety Code. Reference: Section 13110, Health and Safety Code.

Rational for revision:

An alpha identifier was removed as it is not applicable; AES 1005 was updated and broke into two forms to separate the Sprinkler Fitter Certification from the Apprentice/Trainee registration and created the AES 1005A; AES 1006 was updated for consistency throughout the forms related to payment submission; AES 1007 was edited to reflect CE units rather than hours; AES 1008 was revised to reflect the JRTER, and the lay-out was placed in a table format for further regulation clarity, and AES 1009 added clarification of requirements made in Section 947.1 and 947.2.